FIG. 1

 $2: {\sf SLIDING DOOR (MOVING BODY)}$.

8: OBJECT DETECTING MEANS

9: PIEZOELECTRIC SENSOR

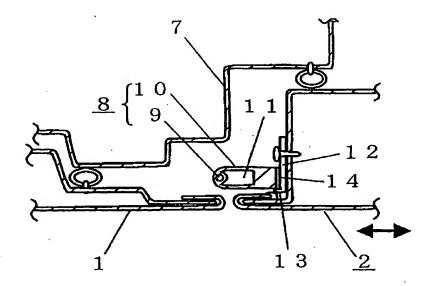


FIG. 2 (a)

1 7: DETECTING PORTION

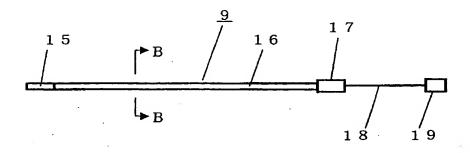


FIG. 2 (b)

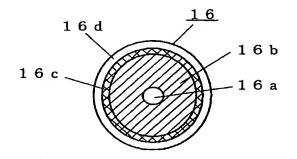


FIG. 3

2 0: DRIVING MEANS

2 1: INFORMATION MEANS

2 2 : CONTROL MEANS

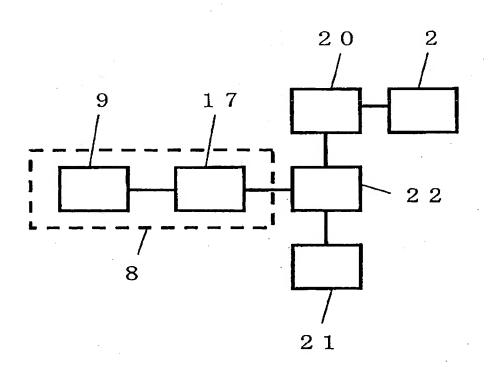


FIG. 4

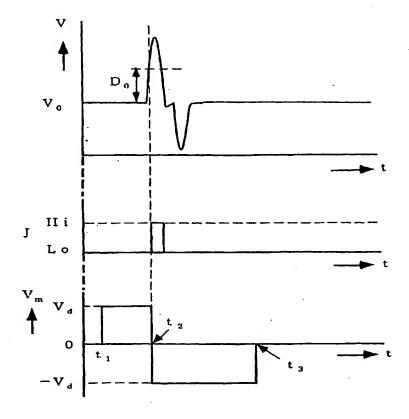


FIG. 5

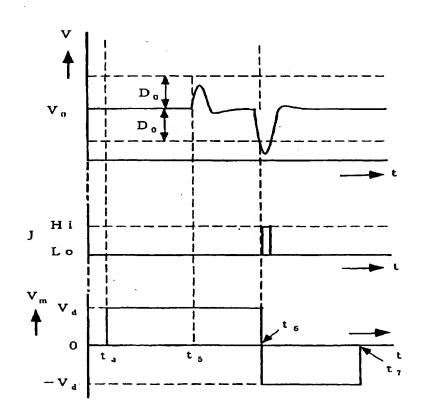


FIG. 6

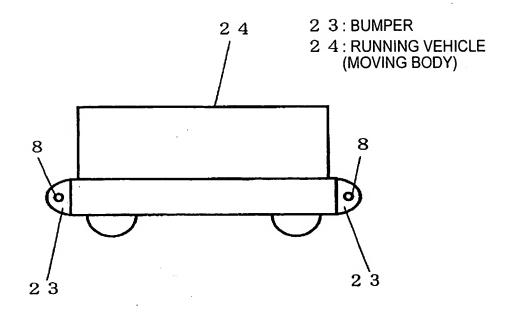
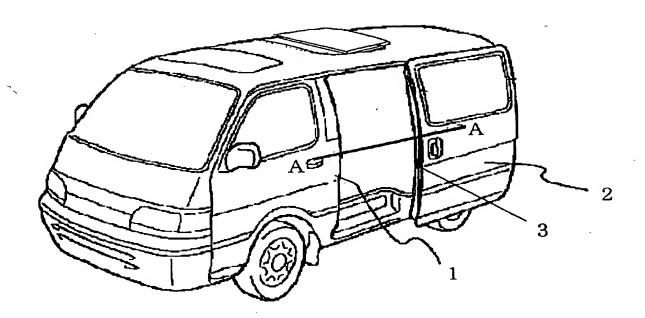


FIG. 7



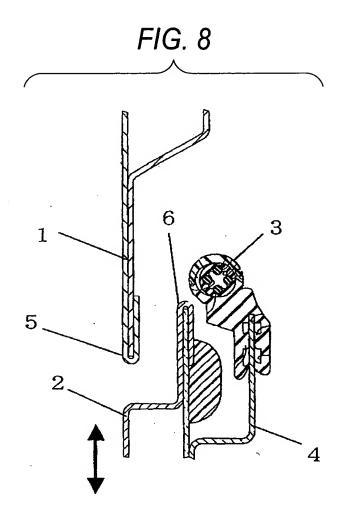


FIG. 9

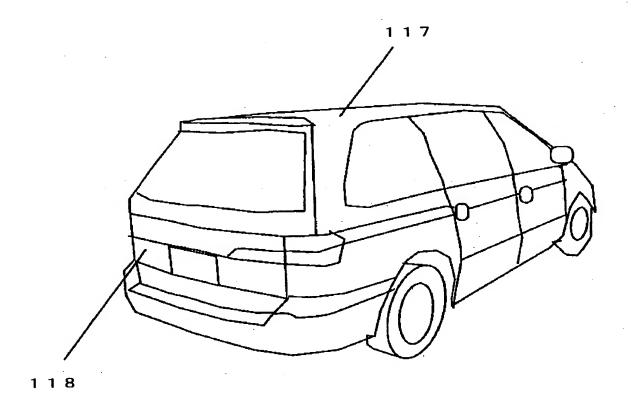
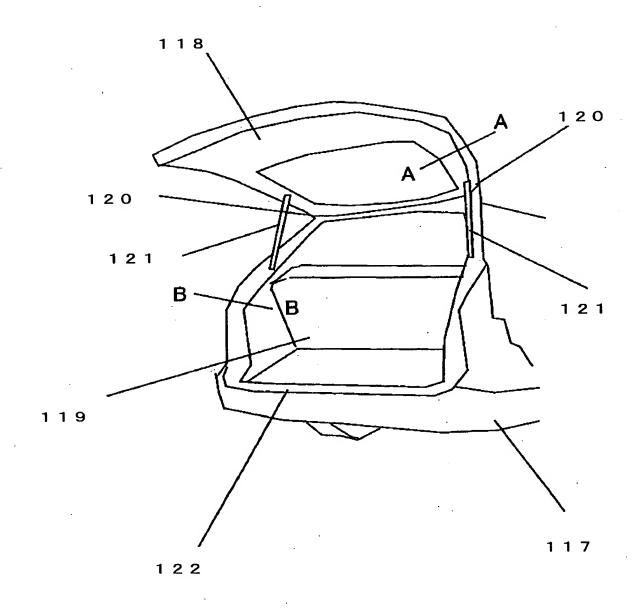


FIG. 10



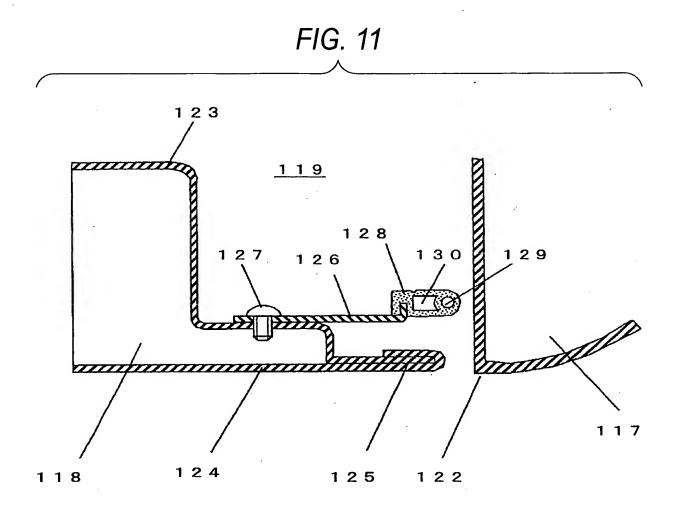


FIG. 12

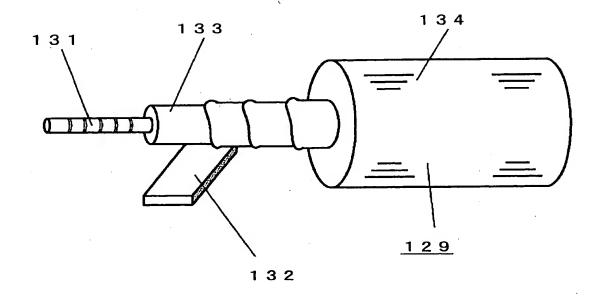
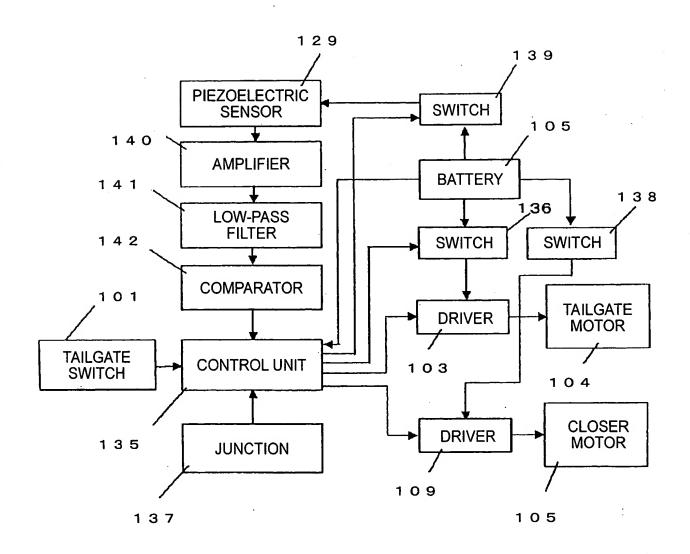


FIG. 13



129 : SENSOR (PIEZOELECTRIC SENSOR)

135 : CONTROL UNIT



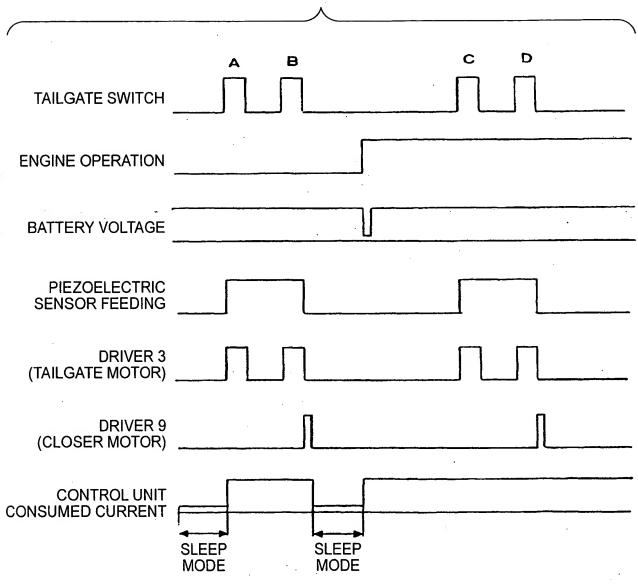
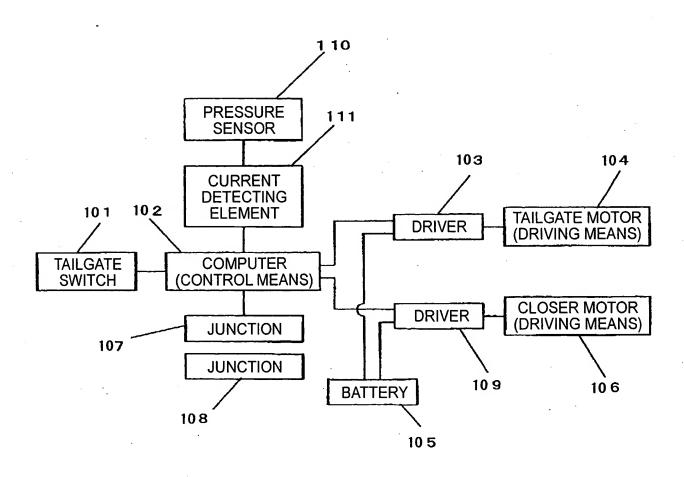
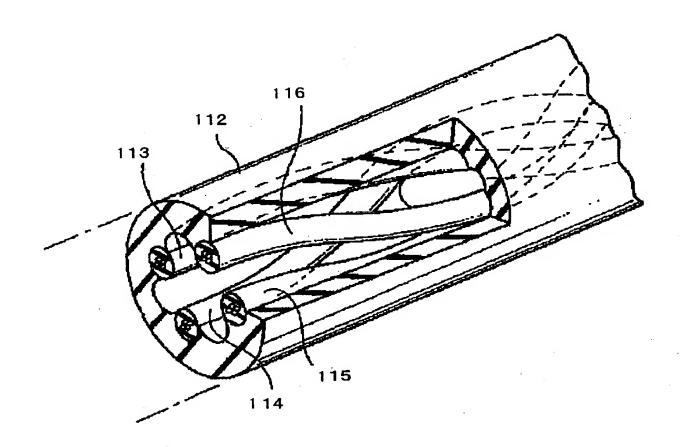


FIG. 15

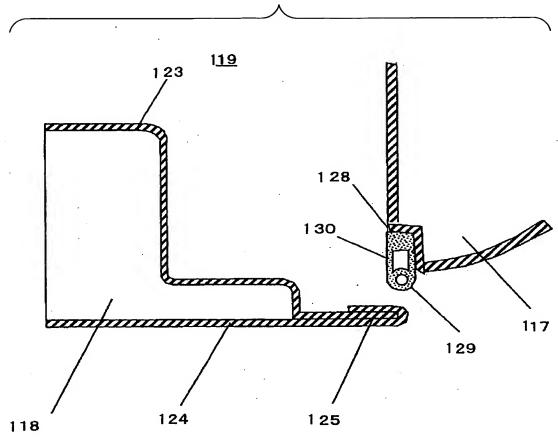


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FIG. 16







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FIG. 18

